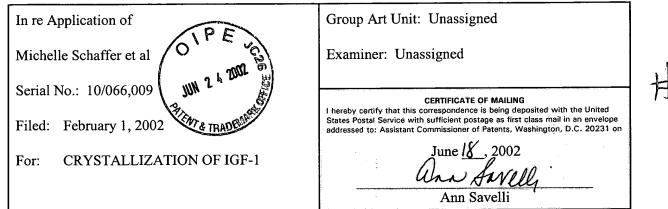
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



CERTIFICATE RE: SEQUENCE LISTING

RESPONSE UNDER 37 CFR § 1.821(f) and (g)

BOX SEQUENCES Assistant Commissioner of Patents Washington, D.C. 20231

Sir:

I hereby state that the Sequence Listing submitted herewith is submitted in a computer-readable diskette, and that the information recorded in computer readable form is identical to the written sequence listing previously submitted on April 16, 2002. I further state that this submission includes no new matter.

Respectfully submitted,

GENENTECH, INC.

Date: June 18, 2002

mut E. Hasak By:

Janet E. Hasak Reg. No. 28,616 Telephone No. (650) 225-1896

